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Bulletin  
of the  
Associated  
Mountaineering Clubs  
*of*  
North America



New York, May, 1919



# Associated Mountaineering Clubs of North America

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THE Bureau consists of 29 clubs and societies, comprising an individual membership of over 45,000.

- American Alpine Club, Philadelphia and New York.
- American Forestry Association, Washington.
- American Game Protective Association, New York.
- American Museum of Natural History, New York.
- Adirondack Camp & Trail Club, Lake Placid Club, N. Y.
- Appalachian Mountain Club, Boston and New York.
- Boone and Crocket Club, New York.
- British Columbia Mountaineering Club, Vancouver.
- Colorado Mountain Club, Denver.
- Field and Forest Club, Boston.
- Forest Service, U. S. Dept. Agriculture, Washington
- Fresh Air Club, New York.
- Geographic Society of Chicago.
- Geographical Society of Philadelphia.
- Green Mountain Club, Rutland, Vermont.
- Hawaiian Trail and Mountain Club, Honolulu.
- Klahhane Club, Port Angeles, Wash.
- Mazamas, Portland, Oregon.
- Mountaineers, Seattle and Tacoma.
- National Association of Audubon Societies, New York.
- National Parks Association, Washington.
- National Park Service, U. S. Dept. Interior, Washington.
- New York Zoological Society, New York.
- Prairie Club, Chicago.
- Rocky Mountain Climbers Club, Boulder, Colorado.
- Sagebrush and Pine Club, Yakima, Wash.
- Sierra Club, San Francisco and Los Angeles.
- Tramp and Trail Club, New York.
- Wild Flower Preservation Society of America, New York.

Associated by common aims these clubs and societies are standing for the protection and development of scenic regions, and for the preservation of tree, flower, bird and animal life. We encourage the creation, development and protection of National Parks, Monuments and Forest Reserves, and our members are being educated by literature and lectures to a deeper appreciation of our natural wonders and resources.

### WORK OF THE BUREAU

During the past year the Bureau has continued to send to its members many books on mountaineering and outdoor subjects. The collection of mountain literature and photographs in the New York Public Library, 476 Fifth Ave., has been increased. The Library has published selected Bibliography of Mountaineering Literature which was compiled by the librarian of the American Alpine Club, and expects to issue a similar list of the literature of Wild-life Protection. The 1918 Bulletin of the Association was sent to all active mountaineers throughout the country, and to many others who are interested in the work. The Secretary has written and had published a series of articles on little known scenic regions of North America, and he is lecturing before leading clubs and societies on The National Wonders of the United States and Canada. Very important to all mountaineers and lovers of the beautiful is the close cooperation of the Bureau with the National Park Service. On page 21 of the Annual Report of the Director of National Parks for 1918, recognition of this service is given prominent mention, and full cooperation with our Association is assured. On pages 277 to 284 are reprinted the data of our 1918 Bulletin.

*Lantern Slides* of the regions visited by the following organizations may be borrowed by members of the Association on application:

American Museum of Natural History: Dept. of Education of the Museum, 77th St. and Central Park West, New York.

British Columbia Mountaineering Club: Mrs. H. Coulter, P. O. Box 1223, Vancouver, B. C., Canada.

Field and Forest Club: Joseph Rowe, 466 Norfolk St., Mattapan, Mass.

Forest Service: H. A. Smith, Forest Service, Dept. of Agriculture, Washington, D. C.

Green Mountain Club: T. S. Dean, Masonic Temple, Burlington, Vt.

Klahhanc Club: E. B. Webster, Port Angeles, Wash.

Mountaineers: Mrs. J. T. Hazard, Box 234, Seattle, Wash.

National Park Service: S. T. Mather, Room 4141, Dept. of the Interior, Washington, D. C. Slides and films.

Prairie Club: W. H. Klose, 4239 Vincennes Ave., Chicago, Ill.

Rocky Mountain Climbers Club: F. A. Boggess, Boulder, Colorado.

United States Railroad Administration: Travel Bureau Eastern lines: H. H. Hunkins, 646 Transportation Bldg., Chicago, Ill. Slides and Films.

*The International Congress of Alpinists* is to be held at Monaco on May 10 to 16, 1920. Baron F. Gabet, Boulevard des Italiens, 30, Paris, who is vice-president of the French Alpine Club, is organizing the congress, and it is expected that a large delegation from American mountaineering clubs will be present. Unique opportunity will be afforded to meet the leading mountaineers of England and the Continent, and valuable interchange of experience and ideas should result. A volume of proceedings will be issued and the National Park Service has been invited to contribute technical papers. The Bureau of Associated Mountaineering Clubs is cooperating with the officials of the Congress.

*The National Parks Association* was founded May 29th 1909, in Washington, and its program is of great interest and importance to all lovers of the beautiful in America. In 1916 the National Parks Educational Committee was organized, consisting of leading educators, scientists, and public-spirited citizens throughout the country. This committee believed that the time has now come to form a

nation-wide association for the public appreciation and furtherance of National Parks. It is proposed to have a wide range of membership and to undertake work of many kinds that is outside the province of the National Park Service. An educational campaign will be conducted through the universities and schools to popularize and illustrate natural science as it may be studied in our National Parks. Lantern slides, films, and wall pictures will be supplied, lectures will be given and study classes will be sent to the parks. Photographic exhibitions will be arranged in public libraries; and writers, lecturers, artists and photographers will be encouraged to visit and make known our National wonders. It is planned to study the possibilities of scenic regions and the needs of communities in order to make intelligent recommendation for the establishment of Parks and Monuments. The literature of the subject is to be collected and a bibliography is to be started. American travel is to be encouraged, and the cooperation of many associations and institutions will be secured. Information will be furnished by the secretary, R. S. Yard, 914 Union Trust Bldg., Washington, D. C.

*A Bureau of Service for the Parks* has been opened at the United States Railroad Administration at 161 W. Jackson Boulevard, Chicago. Information on rates and National Parks is supplied to the public, illustrated booklets are being issued, and lantern slides and films are loaned for educational purposes. Circular No. 12, Service to and in the National Parks, Summer season 1919, gives routes, rates, hotels, camps, etc.

*The Forest Service*, Washington, D. C., is doing much for the conservation and development of our National resources. There are few who realize the size and importance of the work and who appreciate how much has been accomplished in less than twenty years. A popular presentation of this work is given in R. H. D. Boerker, *Our National Forests*, Macmillan, 1918. There are now 155,166,000 acres of national forests, comprising about 155,166,000 acres, nearly one-fifth of the standing timber in the United States. Less than half remains of the usable timber we once had. Nothing is sadder on the face of nature than the ruined

n of our forests through private greed in unscientific  
nbering and sheep herding. Of vital importance is the  
ervation of the mountain forests covering the water-  
eds, for they control our rivers. Selfish interests that  
vastate these areas are responsible for alternating low  
ters and destructive floods, which ruin the valleys for  
riculture and in many ways impoverish the nation.  
rest protection insures water for domestic uses, for  
igation, and for electric power development. Uncon-  
lled forest fires have caused an annual loss of \$25,-  
0,000 to \$50,000,000. Starting in the Spring and con-  
uing until late Fall the air was clouded for months with  
oke, and little effort was made to extinguish the fires  
til the Service established an efficient patrol. Refor-  
ation of denuded areas, protection of trees from insects  
d disease, finding profitable uses for woods hitherto sup-  
sed to be inferior, testing the strength of timber and  
yding its physical properties are among the many  
ivities of the Forest Service. Destructive lumbering  
ruinous, while forestry insures permanent use and  
reased value. So important are the preservation and  
per development of all our forests to the nation that  
eady twenty-one States are co-operating for fire pro-  
tion with the Forest Service.

n order to develop the resources of the forests and  
aid in community development in sparsely settled and  
ntier regions, the Service has built 25,000 miles of  
ls and about 4000 miles of mountain roads, which are  
idly being extended.

laps and booklets of the National Forests, bearing infor-  
ion for mountain travellers and instruction for camp-  
are published for free distribution. Write for these,  
cifying the regions desired, and for a pamphlet entitled  
ernment Forest Work. The Bureau of Education,  
ashington, has published a recent bulletin by J. E.  
Ckwood on the Conifers of the Northern Rockies, 1918.  
he U. S. Geological Survey, Washington, publishes  
y illustrated Bulletins on our western mountain and  
tic regions which are of the greatest value. Important  
herial for the mountaineer and traveller is also con-  
lled in the Monographs, Professional papers, and the

Water-Supply papers of the Survey. Four railroad guide books are published: the Northern Pacific; Overland Santa Fe; Shasta and Coast Line. Supt. of Documents, Washington, 50c. each. A pamphlet is issued which gives the publications of the Survey. Topographic maps of the National Parks and of many mountain regions are for sale by the Survey at 10c. to 25c., and a descriptive list sent on request.

*The National Park Service*, Washington, in many respects, is the most important branch of our government to the mountaineer. First in the hearts of all true travellers and mountaineers is the preservation of our finest scenic regions from commercial ruin. Some of our grandest mountains are already included in National parks but many others need such protection, if the magnificent forests on their slopes and the wonderful flora of the alpine gardens are to be preserved. Many of our most beautiful regions have been devastated by lumbering by sheep and cattle herders, by power site projects, and by unhindered fires; while our wild flowers and trees and our birds and animals have been driven from their homes. Several of our parks should be increased in size, others should have sufficient appropriation to insure their patrol and development. Mountaineers are often the first to visit and to enjoy these regions. Is it not their highest privilege to be foremost in their protection?

## NEW NATIONAL PARKS AND MONUMENTS

The Grand Canyon National Park has finally been established, but Congress failed to provide funds for its administration or development. Its size seems rather unfortunately limited by boundaries which follow closely the northern and southern rims of the canyon. Many roads and trails must be built for the convenience of travellers, especially along the northern rim, which is scenic; the most interesting, but as yet is almost unvisited.

Effort is being made to secure congressional appropriation for the survey of a road to connect the following parks and monuments: Mesa Verde, Natural Bridge, Rainbow Bridge, Navajo, Grand Canyon and Zion. This would make accessible several of our most wonderful

gions which at present are very inconvenient of access. The Sieur de Monts Monument on Mount Desert Island, Maine, has now become the Lafayette National Park, the first to be established east of the Mississippi. We welcome the policy of the National Park Service in encouraging the creation of National Parks and Monuments in our Central and Eastern regions. Wherever there are distinctive and unusual natural beauties and wonders they should be preserved and made easy of access. The value of the finest local scenery to its own section of the country should be considered, as well as its relation to existing parks in other regions.

The limitation has been removed in the amount of the annual expenditure for the Rocky Mountain National Park. The National Park Service has published the Geologic Story of the Rocky Mountain National Park, Colorado, by W. T. Lee, 1917, Supt. of Documents, 30c.; while every mountaineer who would learn the possibilities of the region should read Mountaineering in the Rocky Mountain National Park, by R. W. Toll, of the Colorado Mountain Club, 1919. The author has just been appointed Superintendent of the Mount Rainier National Park. The Katmai National Monument, which has been created in Alaska, includes a remarkable volcanic area of 1700 square miles, containing the famous Valley of Ten Thousand Smokes.

## ENLARGEMENT OF NATIONAL PARKS

The foremost of all extensions is the enlargement of the Sequoia National Park to include the Kings and Kern River regions and about 70 miles of the crest of the Sierra Nevada mountains, with Whitney, 14,502 feet, the highest mountain in the United States. It is almost a National disgrace that this most beautiful mountain region of our country is not a national park. Passage of a bill including this area under the name of the Roosevelt National Park was introduced in the Senate, but was defeated by a House Committee. A remarkably fine limestone cavern of unknown extent has been discovered on Cactus Creek in the Sequoia National Park, and has been named Crystal Cave. The cover of this Bulletin shows Kaweah Peak, 13,816 feet in

height, and Moraine Lake on the Chagoopa Plateau, adjacent to the Kern River Canyon. Large golden trout are found in the lake and the Sierra Club camps on its shores on their outings.

Another important enlargement is that of the Yellowstone to include the region south of the present boundary of the park embracing The Teton range, Jackson Lake, and the headwaters of the Yellowstone. The park needs completion by this rugged scenery, which should be easy to acquire as it is practically all owned by the government, but Congressional action is necessary.

The Crater Lake boundaries require extension northward to include the Diamond Lake region and Mt. Thielsen. The Rim Road has been completed, and many are visiting this park. The irreparable effect of sheep grazing on the flora of a region is still seen, for, after twenty-five years, the flowers have not yet returned. Persistent efforts are constantly made by herders to pasture sheep in our National Parks, and it is largely due to the efforts of the Sierra Club and the Mountaineers that some of our world-famous flower fields have been preserved.

## PROPOSED NATIONAL PARKS AND MONUMENTS

A proposed park, very worthy of support, is that of the sand dunes bordering Lake Michigan in Indiana. Distinctly a little over an hour's ride from Chicago, the dunes are accessible to a population of several millions. Rising from 50 to 190 feet in height, these wooded waves of sand are picturesquely carpeted with ferns and wild flowers which grow in the greatest profusion and variety. Here the hepatica, the cactus, and the arbutus live together. The dunes are of great scientific importance geographically, geologically, and botanically. To the lover of nature they are fascinating in both summer and winter. The forest growth must be protected from fire, and their beauty from spoliation by private exploitation. A strip should be secured about 20 miles in length and  $1\frac{1}{2}$  in width extending from Miller to Michigan City. The National Park Service has issued a Report on the Proposed Sand Dunes National Park, Indiana, by S. T. Mather, 1911.

and the Prairie Club with the Geographic Society of Chicago are alive to the importance of the region. An example of public apathy to the beauty of a priceless seashore is that displayed toward the exquisite sand dunes of Ipswich on the coast of Massachusetts. With their pines and bayberry, their multitude of birds and of flowers, and the colorful salt marshes which adjoin them, they are an artists' paradise which should be treasured by the town, the state and the nation! They have become, however, private property from which the public is excluded. Private ownership is seldom as permanent a means of scenic preservation as is national control.

Owing to the tireless efforts of the lumber companies, the California Redwood of the coast is rapidly nearing extinction. In magnificence and stately grandeur it is second only to the Sequoia of the Sierra, to which it is related. Only three rather small groves have been permanently reserved from destruction, and it is hoped to have a large one in northern California. A Save the Redwoods League is being formed, of which Secretary Lane is the honorary head. Another worthy project is that of saving a unique species of palm tree found in the canyons of the San Jacinto Range on the Colorado Desert in southern California. Perhaps the most interesting grove is in Palm Canyon near Palm Springs.

Before long the Mammoth and Great Onyx Caves in Kentucky are likely to be sold. They are of national interest and should in some way be acquired and properly developed, rather than be continued as private enterprises.

Colorado is alive to the value of its mountain parks, and it is urged that the mountains west of Denver, in the vicinity of Mt. Evans, be added to the Rocky Mountain National Park.

Among several other worthy efforts to preserve our best scenery for posterity is that of establishing the Mount Baker National Park in Washington. Here are the forests and glaciers with a mountain 10,730 feet in height. It is also proposed that a park be created to include Mt. Adams, in Washington, which is 12,307 feet high.

Eventually it will be seen that the nation makes one of its best investments for the people in National Parks. Experience shows their necessity, if we are to preserve our finest and best from ruination by private greed. The Report of the Director of the National Park Service for 1918 is one of the most important and interesting of reports issued by the government. It includes travel guide maps and illustrations of our parks and monuments and may be obtained from the National Park Service.

LE ROY JEFFERS, *Secretary*,  
476 Fifth Avenue, New York

### AMERICAN ALPINE CLUB

*President*, Charles E. Fay, Tufts College, Mass.

*Vice-Presidents*, L. L. Delafield, 20 Exchange Place, New York; W. E. Colby, 402 Mills Bldg., San Francisco, Cal.

*Secretary*, R. H. Chapman, 2029 Q St., Washington, D. C.

*Treasurer*, B. F. Seaver, 14 Wall St., New York.

*Librarian*, LeRoy Jeffers, 476 Fifth Ave., New York.

Membership: Active, 88; Honorary, 11; Total, 99.

Annual dues: \$5; Life, \$50.

Organized 1902. Annual meeting: Held in Philadelphia, New York or Boston in December or January.

Publications: *Alpina Americana*, supplied by Williams Wilkins Co., 2419 Greenmount Ave., Baltimore, Md., \$ .85 a copy. No. 1., J. N. LeConte, High Sierra of California, 1907; No. 2, C. E. Fay, Canadian Rock Mountains, 1911; No. 3, A. H. Brooks, Mountain Exploration in Alaska, 1914; By-laws and register.

The club's collection of mountaineering books and photographs is deposited with The New York Public Library at 476 Fifth Ave.

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### AMERICAN FORESTRY ASSOCIATION

1410 H St., N. W. Washington, D. C.

*President*, Charles L. Pack, 1410 H St., N. W. Washington.

*Secretary*, Percival S. Ridsdale, 1410 H St., N. W. Washington.

*Treasurer*, J. E. Jenks, 1410 H St., N. W. Washington.  
Membership: Annual, Subscribing, Contributing, Sustaining, Life, Patron. Total: 15,600.  
Dues: Subscribing, \$3; Contributing, \$10; Sustaining, \$25; Life, \$100; Patron, \$1000.  
Organized 1882. Annual meeting: In January.  
Publication: *American Forestry* (monthly), edited by P. S. Ridsdale, \$3.00 a year. Free to members. Devoted to trees, parks, flowers, birds and kindred subjects.  
The association is working for the conservation and protection of the forests, flowers and birds of the United States and Canada, and for a national forest policy which will insure a production equal to national needs.

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## AMERICAN GAME PROTECTIVE ASSOCIATION

2271 Woolworth Bldg., New York City

*President*, John B. Burnham, 233 Broadway, New York.  
*Vice-President*, E. A. Quarles, 233 Broadway, New York.  
*Secretary and Treasurer*, G. M. Fayles, 233 Broadway, New York.

Dues: Member, \$1.00 plus subscription to any one of several leading sportsmen's magazines, which carry monthly a department of wild life conservation propaganda furnished by the Association; Club Member (for organizations), \$5; Associate Member, \$25; Sustaining Member, \$100; Life Member, \$250; Patron, \$1000; Founder, \$2500.

Organized 1911. Annual meeting: First Monday and Tuesday in March.

Publication: *Bulletin* (quarterly), edited by R. P. Holland. Free to members.

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## AMERICAN MUSEUM OF NATURAL HISTORY

77th Street and Central Park West, New York City

*President*, H. F. Osborn, 77th St. and Central Park W.  
*Vice-Presidents*, C. H. Dodge, J. P. Morgan.  
*Director*, F. A. Lucas, 77th St. and Central Park W.  
*Secretary*, Adrian Iselin, 77th St. and Central Park W.  
*Treasurer*, H. P. Davison, 77th St. and Central Park W.  
*Librarian*, R. W. Tower, 77th St. and Central Park W.

Membership: Annual, 2966; Associate, 512; Sustaining 89; Life, 793; Fellow, 48; Patron, 113; Associate Benefactor, 21; Associate Founder, 10; Founder, 1; Benefactor, 5; Honorary Fellow, 10; Total, 4568.

Dues: Annual, \$10; Associate (non-resident), \$3; Sustaining, \$25; Life, \$100; Fellow, \$500; Patron, \$1000; Associate Benefactor, \$10,000; Associate Founder, \$25,000; Benefactor, \$50,000.

Founded 1869. Annual meeting: First Monday in February.

Publications: Natural History (Oct. to May), edited by Miss M. C. Dickerson, \$2.00 a year; Scientific publications comprising Memoirs, Bulletin, Anthropological papers, Monographs; Popular publications comprising Handbooks, Leaflets, General Guide; Annual Report.

The library of the American Museum consists of about 70,000 volumes on natural history, ethnology and travel and is located on the fifth floor of the Museum building.

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### ADIRONDACK CAMP AND TRAIL CLUB

Lake Placid Club, New York

*President (acting)*, Godfrey Dewey, Lake Placid Club, N. Y.

*Vice-President*, E. A. Woods, Frick Bldg., Pittsburgh, Pa.

*Secretary*, T. M. Longstreth, Lake Placid Club, N. Y.

*Treasurer*, F. B. Guild, Lake Placid, N. Y.

Membership: Active, 22; Associate, 9; Life, 1; Honorary 1; Total, 33.

Annual dues: Active, \$10; Associate, \$5; Life, \$100.

Organized 1910. Annual meeting: Middle of August.

The club keeps open about 50 miles of trails and 7 public camps in the Adirondacks.

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### ALPINE CLUB OF CANADA\*

Banff, Alberta, Canada.

*Hon. President*, Sir Edmund Walker, Toronto, Ontario.

*President*, J. D. Patterson, Woodstock, Ontario.

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\* Not a member of the Bureau.

*ice-Presidents*, C. H. Mitchell, Toronto, Ontario; W. W. Foster, Victoria, B. C.  
*Director*, A. O. Wheeler, Sidney, B. C.  
*Secretary-Treasurer*, S. H. Mitchell, Sidney, B. C.

#### Sections.

TORONTO: *Chairman*, C. B. Sissons; *Secretary*, R. A. Gray, 324 Markham St.

WINNIPEG: *Chairman*, H. B. Mitchell; *Secretary*, Miss D. E. Mitchell, 702 Dorchester Ave.

EDMONTON: *Chairman*, T. B. Moffat; *Secretary*, L. C. Wilson, 111 8th Ave. E.

EDMONTON: *Chairman*, A. S. Matheson; *Secretary*, Miss K. Sharpe, 23 Rene Le Marchand.

VANCOUVER: *Chairman*, Rev. A. H. Sovereign; *Secretary*, Miss A. C. Laird, 1053 Nicola St.

VANCOUVER ISLAND: *Chairman*, R. D. McCaw; *Secretary*, Miss J. L. McCulloch, 912 Linden Ave., Victoria.

NEW YORK: *Chairman*, B. F. Seaver; *Secretary*, Miss C. B. Hinman, 189 Summit Ave., Summit, N. J.

LONDON, ENGLAND: *Chairman*, J. N. Collie; *Secretary*, A. L. Mumm, 112 Gloucester Terrace, Hyde Park.

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Membership: Active, 462; Life, 44; Graduating, 102; Associate, 2; Subscribing, 26; Honorary, 11; Total, 647.

Entrance fee and dues: Active, \$7.50; Graduating, \$5.

Annual dues: Active, \$5; Graduating, \$2.50; Associate, \$25; Subscribing, \$2.

Organized 1906. Annual meeting: Held in July at camp.

Publications: The Canadian Alpine Journal (annually), edited by A. O. Wheeler and S. H. Mitchell, \$1.50 a copy; Constitution and list of members.

Club house and library: Banff, Alberta, Canada. Open June to September. Rate: \$2.75 a day.

19 camp, July 22 to August 5 at Summit Lake, Yoho Pass, near Field. Expense \$3.00 a day.

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#### APPALACHIAN MOUNTAIN CLUB

1050 Tremont Building, Boston, Mass.

*President*, P. W. Ayres, 4 Joy St., Boston, Mass.

*Vice-Presidents*, A. H. Tucker, 6 Reedsdale Road, Milton Mass.; Mortimer Bishop, 35 Hamilton Terrace, New York.

*Recording Secretary*, W. F. Mattson, 1050 Tremont Building, Boston.

*Corresponding Secretary*, A. B. Root, Jr., 383 Dorchester Ave., South Boston.

*Treasurer*, W. O. Witherell, 1050 Tremont Bldg., Boston.

*Librarian*, Miss A. G. Higgins, 1050 Tremont Bldg., Boston.

#### Chapters.

NEW YORK: *Chairman*, B. F. Seaver, 14 Wall St., New York; *Secretary*, H. S. Stillings, 61 Broadway, New York.

Outings: Saturdays and holidays.

WORCESTER: *Chairman*, A. H. Inman, 21 Germain St. Worcester, Mass; *Secretary*, W. M. Bassett, 35 Howard St., Worcester, Mass.

Outings: Saturdays and holidays.

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Membership: Annual, 1860; Life, 283; Corresponding, 48 Honorary, 23; Total 2214.

Entrance fee and dues: \$8. Annual dues: \$4; Life, \$50.

Organized 1876. Annual meeting: Second Wednesday in January.

Publications: Appalachia (annually and occasionally semi-annually), edited by C. E. Fay, \$.50 a copy; Bulletin (10 issues a year), edited by Miss A. G. Higgins; Register (annually); Guide to paths in the White Mountains and adjacent regions, 1917, \$2.00; Various booklets and maps are also published.

Club rooms and library: 1050 Tremont Bldg., Boston. Club house and camp on Three Mile Island, Lake Winnepesaukee, N. H., is open from June 28 to Sept. Expense \$2 a day. Rhododendron cottage at Fitzwilliam, N. H., is open by arrangement. Madison Springs Huts, Carter Notch Hut, and Lakes of the Clouds Hut in the White Mountains are open from July 1 to Oct. Meals and lodging at \$1.00 each. Nine shelters in N. H. are also available without charge. About 237 miles of

trail are maintained and the club owns 16 reservations in Massachusetts, New Hampshire, and Maine. outings: Saturdays, holidays, and Tuesday evenings in summer. Numerous excursions of from two days to two weeks throughout the year to Eastern mountain regions. Annual snow-shoe trip to New Hampshire in February. 19 camp, Aug. 2 to Sept. 1, at Moosehead Lake, Maine. Expense from Boston about \$95. Two weeks \$55.

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### **BOONE AND CROCKETT CLUB**

**60 Wall St., New York City**

*President*, G. B. Grinnell, 238 E. 15th St., New York.  
*Vice-Presidents*, Madison Grant, 111 Broadway, New York; W. B. Devereux, 120 Broadway, New York; Charles Sheldon, The Argyle, Washington; Owen Wister, 1004 West End Trust Bldg., Philadelphia; Archibald Rogers, Hyde Park-on-Hudson, N. Y.  
*Secretary*, C. S. Davison, 60 Wall St., New York.  
*Treasurer*, W. R. Cross, 33 Pine St., New York.  
Membership: Active, 100; Associate, 57; Total, 157.  
Entrance fee and dues: Active, \$35; Annual dues: \$10.  
Organized 1887. Annual meeting: In January.  
Publications: Yearbook; Five volumes on big-game hunting.  
The club is active in furthering the creation of national parks, forest reserves, and game refuges.

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### **BRITISH COLUMBIA MOUNTAINEERING CLUB**

**Vancouver, British Columbia, Canada.**

*President*, C. J. Heaney, 724 Keith Road E., North Vancouver, B. C.  
*Vice-Presidents*, Miss E. B. Fowler, 1121 Melville St., Vancouver; W. A. Munday, 224 29th Ave. E., Vancouver.  
*Secretary*, Mrs. H. E. Coulter, P. O. Box 1223, Vancouver, B. C.  
*Treasurer*, L. C. Ford, P. O. Box 1223, Vancouver, B. C.

Membership: Active, 90; Honorary, 3; Total, 93.

Annual dues: \$2.

Organized 1907. Annual meeting: Third Monday in March.

Club Cabin: On western slope of Grouse Mountain reached via North Vancouver ferry.

Outings: Week end and holiday climbing trips.

1919 outing, August 9 to 24 probably near Anderson Lake in the Lillooet district. Expense from Vancouver, \$3. to \$40.

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## COLORADO MOUNTAIN CLUB

Denver, Colorado.

*President*, G. C. Barnard, 615 17th St., Denver.

*Vice-President*, H. F. Brooks, 1732 Welton St., Denver.

*Secretary*, G. H. Harvey, Jr., 3120 W. 23rd Ave., Denver

*Treasurer*, R. B. Rockwell, 513 California Bldg., Denver

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### PIKES PEAK BRANCH, COLORADO SPRINGS, COL.

*President*, J. E. Fuller; *Manager*, Lloyd Shaw; *Secretary*, Miss P. B. Turner.

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Membership: Regular, 142; Qualified, 303; Honorary, 2  
Total, 447.

Annual dues: \$3.

Organized 1912. Annual meeting: Third Friday in January

Publication: Trail and Timberline (monthly), edited by Miss Annette Badgley.

Club room at the Public Library, Denver.

Outings: Saturday and Sunday walks and holiday excursions. Annual snowshoe ski trip in February at Fern Lodge, Rocky Mountain National Park.

1919 outing, August 11 to 23 at Wild Basin, Rocky Mountain National Park. Expense from Denver \$40.80, or \$3 per day in camp.

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## FIELD AND FOREST CLUB

Boston, Mass.

*President*, W. E. Nutting, 100 Franklin St., Boston, Mass

*Vice-Presidents*, S. A. Cummings, 64 Long Wharf, Bos-

ton; S. R. Porter, 18 Tarleton Road, Newton Centre, Mass.

*Recording Secretary*, Miss A. B. Drowne, 299 Centre St., Dorchester, Mass.

*Corresponding Secretary*, Miss A. P. French, 36 Tennyson St., Somerville, Mass.

*Treasurer*, O. H. Kent, 79 Centre St., Dorchester, Mass. Membership: Active, 626.

Entrance fee and dues: \$2. Annual dues: \$1; Life, \$15.

Organized 1904. Annual meeting: Second Monday in November.

Publications: Monthly calendar; Yearbook.

Pequit Bungalow on south shore of Pequit Lake, Canton, Mass.

Meetings: Saturdays, holidays; fall and winter excursions to the White Mountains.

Outings: July 5 to 19 at Eastville Inn, Martha's Vineyard, Mass.; Expense at hotel, \$16 up per week. Sept.

13 to 27 at Mount Crescent House, Randolph, N. H.; Expense at hotel, \$14 up per week.

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## FOREST SERVICE

U. S. Dept. of Agriculture, 930 F St., N. W. Washington, D. C.

*Forester*, Henry S. Graves, 930 F St., N. W. Washington.

*Associate Forester*, A. F. Potter, 930 F St., N. W. Washington.

Organized 1905. Regular Staff: 3500.

Administers 151 National Forests, 11 National Monuments, and 3 National Game Preserves through 7 district headquarters located at Missoula, Mont.; Denver, Col.; Albuquerque, N. M.; Ogden, Utah; San Francisco, Cal.; Portland, Ore., and Washington, D. C.

Branches of the Service: Silviculture, Grazing, Lands, Research, Engineering, Acquisition of lands.

Publications: Bulletins and Maps of many of the forests containing information for mountain travellers and campers. Specify the region desired.

## FRESH AIR CLUB

New York City.

*President*, H. E. Buermeyer, Hotel St. George, Brooklyn

*Vice-President*, Brainerd Kellogg, Morristown, N. J.

*Secretary*, Mortimer Bishop, 88 Nassau St., New York.

*Treasurer*, A. F. Ormsbee, 183 Joralemon St., Brooklyn

Membership: Active, 75.

Annual dues: \$2.

Organized 1877. Annual meeting: Fourth Saturday  
January.

Outings: Sundays and holidays. Annual excursion to the  
Catskills, May 29 to June 1.

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## GEOGRAPHIC SOCIETY OF CHICAGO

Chicago, Ill.

*President*, F. T. West, 68 Division St., Chicago.

*Vice-Presidents*, Frank Hamlin, W. S. Monroe, L.  
Chamberlin.

*Recording Secretary*, Mrs. B. B. Bohn, 10980 Prospe  
Ave., Chicago.

*Domestic Corresponding Secretary*, Mrs. L. R. Frazier, 8  
S. Michigan Ave., Chicago.

*Treasurer*, O. M. Schantz, 10 S. La Salle St., Chicago.

Membership: Resident, 666; Life, 38; Patrons, 3; No  
Resident, 15; Honorary, 7; Total, 729.

Entrance fee and dues: Resident, \$10; Non-resident, \$6

Annual dues: Resident, \$5; Non-resident, \$3; Life, \$10

Organized 1898. Annual meeting: Second Friday in Ma

Publications: Bulletin on Geographic Studies, Universi  
of Chicago Press; Yearbook.

The Society holds monthly and special meetings with le  
tures, conducts monthly excursions, and usually a wes  
ern trip in the summer. —

## GEOGRAPHICAL SOCIETY OF PHILADELPHIA

400 Witherspoon Bldg., Philadelphia, Pa.

*President*, W. E. Lingelbach, 4304 Osage Ave., Phil  
delphia.

*Vice-Presidents*, H. G. Bryant, 2013 Walnut St., Phila  
delphia; L. W. Miller, 320 S. Broad St., Philadelphia.

*Recording Secretary*, J. E. B. Buckenham, M.D., Municipal Hospital, Philadelphia.

*Corresponding Secretary*, P. J. Sartain, M.D., 2006 Walnut St., Philadelphia.

*Treasurer*, W. K. Haupt, 104 S. 4th St., Philadelphia.

*Membership*: Active, 899; Non-resident, 34; Life, 50; *Corresponding*, 20; Honorary, 15; Total, 1018.

*Entrance fee and dues*: Active, \$10; Non-resident, \$2.

*Annual dues*: Active, \$5; Non-resident, \$2; Life, \$100.

*Organized* 1891. Annual meeting: First Wednesday in May.

*Publication*: Bulletin of the Geographical Society of Philadelphia (quarterly), edited by H. G. Bryant, \$2 a year.

*Library* of travel and reference at rooms of the society, 100 Witherspoon Bldg.

*Excursions*: Afternoon and all day walks in the spring and autumn.

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## GREEN MOUNTAIN CLUB, INC.

35 Mead Block, Rutland, Vermont.

*President*, C. P. Cooper, 300 West St., Rutland, Vt.

*Vice-President*, L. J. Paris, 324 S. Union St., Burlington, Vt.

*Secretary*, G. E. Chalmers, 35 Mead Block, Rutland, Vt.

*Corresponding Secretary*, T. S. Dean, Masonic Temple, Burlington, Vt.

*Treasurer*, E. S. Marsh, Brandon, Vt.

### Sections.

BURLINGTON: *President*, J. L. Griswold; *Secretary*, Miss Maude Harris.

GREEN MOUNTAIN, Ryegate, Vt.: *President*, W. D. White; *Secretary*, Miss O. J. McLam.

RUTLAND: *President*, Mrs. C. P. Cowles, 100 Ledge Road; *Secretary*, Miss C. M. Huntington, 325 Pearl St.

RUTLAND, Rutland, Vt.: *President*, G. G. Marshall; *Secretary*, W. M. Ross.

NEW YORK, N. Y.: *President*, W. S. Monroe, 33 Port-

land Place, Montclair, N. J.; *Secretary*, A. C. Ta  
Stamford, Conn.

Outings: Saturdays, Sundays and holidays.

STERLING, Johnson, Vt.: *President*, C. H. Willey; *Sec*  
*tary*, F. W. Hazen.

Membership: Active, 604; Life, 7; Total, 611.

Annual dues: \$1.00; New York Section, \$1.50; Life, \$

Organized 1910. Annual meeting: Second Wednesday  
in January. The club has about 175 miles of trails, a  
erects shelters in Vermont.

Publication: Guide book.

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## HAWAIIAN TRAIL AND MOUNTAIN CLUB

Honolulu, Hawaii.

*President*, W. F. Frear, Honolulu, Hawaii.

*Vice-President*, J. S. Donaghho, Honolulu, Hawaii.

*Secretary-Treasurer*, A. H. Ford, Honolulu, Hawaii.

Organized 1910. Membership: Active, 109.

Annual dues: \$5.

The club constructs and maintains mountain trails, a  
conducts Sunday walks and climbing excursions on  
various islands.

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## KLAHHANE CLUB

Port Angeles, Washington.

*President*, E. B. Webster, Port Angeles, Wash.

*Vice-President*, Miss Helen Hanson, Port Angeles, Wa

*Secretary*, Miss Ruth Lee, Port Angeles, Wash.

*Treasurer*, Frank Dann, Port Angeles, Wash.

Membership: Active, 96; Honorary, 5; Total, 101.

Entrance fee and dues: \$2. Annual dues: \$1.

Organized 1914. Annual meeting: Third Wednesday  
January.

Publication: Yearbook, edited by E. B. Webster, \$

Lodge on slopes of Mt. Angeles.

Outings: Saturdays and Sundays.

1919 outing: Aug. 16 to 24 in the Olympic Mounta

Expense, \$15.

## MAZAMAS

2 Chamber of Commerce Building, Portland, Oregon.  
*President*, E. E. Coursen, 658 Lovejoy St., Portland.  
*Vice-President*, Miss H. E. Monroe, 1431 E. Salmon St., Portland.  
*Recording Secretary*, Miss Jean Richardson, 131 E. 19th St., Portland.  
*Corresponding Secretary*, Mrs. B. M. Carl, 629 E. Ash St., Portland.  
*Treasurer*, Miss Marion Schneider, 260 Hamilton Ave., Portland.  
Membership: Active, 399; Life, 4; Honorary, 8; Total, 411.  
Annual dues: \$3; Life, \$50.  
Organized 1894. Annual meeting: First Monday in October.  
Publication: Mazama (annually), edited by G. W. Wilder, \$50.  
Club rooms and library, 332 Chamber of Commerce Bldg.  
Mazama exhibit in Oregon Bldg., 5th and Oak St., Portland.  
Meetings: Saturdays, Sundays, and holidays. Annual Mt. Hood outing, July 12 to 13.  
99 outing, Aug. 2 to 17 on the south side of Mt. Rainier near Paradise Valley. Expense from Portland, \$48; \$53 to non-members).

## MOUNTAINEERS

230 Central Building, Seattle, Washington  
*President*, E. S. Meany, 4025 10th Ave., N. E., Seattle.  
*Vice-President*, R. H. McKee, Houghton, Wash.  
*Secretary*, E. W. Allen, 402 Burke Bldg., Seattle.  
*Treasurer*, F. G. Pugsley, 911 Lowman Bldg., Seattle.

### Branches

TACOMA: *Chairman*, G. D. Thompson, 2429 Baker Ave.;  
*Secretary*, Miss Catherine Crayton, 3109 Colby Ave.  
Meetings: Sundays and holidays.  
TACOMA: *President*, J. H. Weer, Miller Apartments;  
*Secretary*, Miss M. H. Mudgett, 314 Tacoma Bldg.  
Meetings: Sundays and holidays.

Membership: Active, 508; Life, 2; Honorary, 3; Total 513.

Entrance fee and dues: Residents of Kings County, \$5; Non-residents, \$4.

Annual dues: Active, residents of Kings County, \$5; Non-residents, \$3; Contributing, \$10; Life, \$100.

Organized 1907. Annual meeting: Third Friday in October.

Publications: The Mountaineer (annually), edited by T. Hazard, \$50; Mountaineer Bulletin (monthly), edited by J. T. Hazard.

Club rooms and library: 230 Central Building, Seattle. Snoqualmie Lodge near Rockdale, on C. M. St. P. R. R. Kitsap Lodge in Rhododendron Park, a 74-acre reservation owned by the club near Chico, Kitsap County.

Outings: Sundays and holidays. Annual New Year snow shoe outing in Mt. Rainier National Park.

1919 outing, July 26 to Aug. 16. Circuit of Mt. Rainier starting from Ashford and Indian Henry's. Expenses from Seattle, \$60. A one or a two weeks' outing can be arranged by application to Miss E. L. Chapman, 1018 2d Ave., W. Seattle.

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## NATIONAL ASSOCIATION OF AUDUBON SOCIETIES

1974 Broadway, New York City

*President*, William Dutcher, Plainfield, N. J.

*Acting President*, F. A. Lucas, American Museum of Natural History, New York.

*Vice-President*, T. S. Palmer, U. S. Dept. Agriculture, Washington, D. C.

*Secretary and Executive*, T. G. Pearson, 1974 Broadway, New York.

*Treasurer*, Jonathan Dwight, Jr., 134 West 71st St., New York.

Membership: Affiliated societies, 160; Individual members, 4850; Total, 5010.

Annual dues: Sustaining, \$5; Life, \$100.

Incorporated 1905. Annual meeting: Last Tuesday October.

Publication: Bird-Lore (bi-monthly), edited by F. M. Chapman, \$1.50 a year.

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## NATIONAL PARKS ASSOCIATION

714 Union Trust Bldg., Washington, D. C.

*President*, H. B. F. Macfarland, Evans Bldg., Washington.  
*Vice-Presidents*, N. M. Butler, J. M. Clarke, Williams Kent, L. W. Noyes, Henry Suzzallo.  
*Secretary*, R. S. Yard, 914 Union Trust Bldg., Washington.

*Treasurer*, C. J. Bell, 914 Union Trust Bldg., Washington.  
*Membership*: Annual, Sustaining, Life.

*Fees*: Annual, \$3; Sustaining, \$25; Life, \$500.

*Organized* 1919. Annual meeting: Third Thursday in May.

*Publications*: The Association will issue a series of illustrated popular-science papers upon the scenery and wildlife of the National Parks and Monuments.

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## NATIONAL PARK SERVICE

U. S. Dept. of the Interior, 18th & F St., Washington, D. C.

*Director*, S. T. Mather, Room 4141, Dept. of the Interior, Washington.

*Assistant Director*, H. M. Albright, Room 4142, Dept. of the Interior, Washington.

*Organized* 1917. Regular Staff: 200.

*Manages* 18 National Parks, 23 National Monuments.

*National Parks*: Crater Lake, Oregon; General Grant, California; Glacier, Montana; Grand Canyon, Arizona; Hawaii, Hawaiian Islands; Hot Springs Reservation, Arkansas; Lafayette, Maine; Lassen Volcanic, California; Mesa Verde, Colorado; Mount McKinley, Alaska; Mount Rainier, Washington; Platt, Oklahoma; Rocky Mountain, Colorado; Sequoia, California; Sullys Hill, North Dakota; Wind Cave, South Dakota; Yellowstone, Wyoming; Yosemite, California.

National Park Conference probably will be held in the fall at Denver, Col.

### Publications

Report of the Director of the National Park Service 1918. Free.

General information on each of the National Parks, 1917. Specify the park desired. Free.

General information regarding the National Monuments 1917. Free.

Glimpses of our National Parks, by R. S. Yard, 1917. Free.

National Parks Portfolio, by R. S. Yard. 1917. Superintendent of Documents, Washington, 55c bound, 35c unbound.

Illustrated monographs on various features of the National Parks are published by the Park Service, the Geological Survey, and the Bureau of Ethnology and are sold by the Supt. of Documents, Washington, 5c. to 50c. Apply for free descriptive list to the National Park Service.

Maps: General map of Parks and Monuments; Automobile road and trail maps. Free.

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## NEW YORK ZOOLOGICAL SOCIETY

111 Broadway, New York City

*President*, H. F. Osborn, American Museum of Natural History, New York.

*Vice-Presidents*, Madison Grant, 111 Broadway, New York; F. K. Sturgis, 30 Broad St., New York.

*Secretary*, Madison Grant, 111 Broadway, New York.

*Treasurer*, P. R. Pyne, 20 Exchange Place, New York.

*Director of the Zoological Park*, W. T. Hornaday, 185 East and Southern Boulevard, Bronx.

*Director of the Aquarium*, C. H. Townsend, Battery Park.

*Membership*: Annual, 1849; Sustaining, 12; Fellow, 35; Corresponding, 8; Honorary, 7; Life, 306; Patron, 32; Associate Founders, 9; Founders, 15; Founders in Perpetuity, 18; Benefactors, 7; Total, 2298.

*Dues*: Annual, \$10; Life, \$200; Patrons, \$1000; Associates,

founders, \$2500; Founders, \$5000; Founders in Perpetuity, \$10,000; Benefactors, \$25,000.

Founded 1895. Annual meeting: Second Tuesday in January.

Publications: Zoological Society Bulletin (bi-monthly), edited by E. R. Sanborn, \$1 a year; Zoologica (irregular), 25c. a copy; Zoopathologica (irregular), 25c. a copy; Tropical Wild life in British Guiana, by William Beebe and others, \$3; A monograph of the pheasants, by William Beebe, 4 v. \$250, (Vol. 1 pub.); Our vanishing wild life, by W. T. Hornaday, \$1.50; Popular official guide to the New York Zoological Park by W. T. Hornaday, 30c; Annual report.

The library of the Society is located in the Administration building at the Zoological Park, 185th and Southern Boulevard. It contains about 3500 volumes, including zoological travel and exploration, and all branches of natural history.

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## PRAIRIE CLUB

Chicago, Illinois

*President*, J. A. Russell, 1361 E. 57th St., Chicago.

*Presidents*, J. R. Bentley, 6732 Perry Ave., Chicago;

Miss Josephine Pech, 4040 Prairie Ave., Chicago.

*Secretary-Treasurer*, J. E. Bayrd, 1541 Monadnock Block, Chicago.

Membership: Active, 671; Associate, 129; Honorary, 6; Total, 806.

Entrance fee and dues: Active, \$4; Associate, \$1.

Annual dues: Active, \$2; Associate, \$1.

Organized 1908. Annual meeting: First Thursday in December.

Publications: Bulletin (monthly), edited by L. T. Goble; Year book.

Club House, on the lake shore of the Dune country in Northern Indiana, reached by Illinois Central R. R. from Pullman, and Chicago, Lake Shore, and South Bend Electric to Tremont.

Outings: Saturdays, week ends, and frequent excursions.  
1919 camp Aug. 2 to 23 at Schroeder, Minn., on Lake Superior. Expense from Chicago about \$73.  
1919 outing, Aug. 2 to 24 at Cumberland Gap, Tennessee. Expense from Chicago about \$65.

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## ROCKY MOUNTAIN CLIMBERS CLUB

Boulder, Colorado

*President*, C. C. Casey, Longmont, Colorado.  
*Vice-President*, F. A. Fair, Boulder, Colorado.  
*Secretary*, F. A. Boggess, Boulder, Colorado.  
*Treasurer*, Ernest Greenman, Boulder, Colorado.  
Membership: Degree members, 142; Life, 40; Total 182.  
Annual dues: \$1; Life, \$10.  
Organized 1910. Annual meeting: Held in second week of August.  
Club room: In the Community House, Colorado Chautauqua grounds.  
Outings: Week ends during July and August.  
1919 outing, Aug. 1 to 3 at Longs Peak, Rocky Mountain National Park. Expense from Boulder, \$17.50

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## SAGEBRUSH AND PINE CLUB

Yakima, Washington

*President*, J. H. Wright, Yakima, Wash.  
*Vice-President*, Miss E. D. Scholes, Yakima, Wash.  
*Secretary-Treasurer*, Miss Carrie Grosenbaugh, 413 Mill Bldg., Yakima, Wash.  
Membership: Active, 28; Associate, 16; Total, 44.  
Annual dues: \$5; Associate \$1.  
Organized 1915. Annual meeting: First Wednesday January.  
Outings: Saturdays and Sundays.  
1919 outing, July 1 to 15 at junction of the Rattlesnake

Naches rivers, Wash. Expense, \$15 for 2 weeks; \$10  
1 week.

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## SIERRA CLUB

402 Mills Building, San Francisco, Cal.

*ident*, W. E. Colby, 2901 Channing Way, Berkeley,  
Cal.

*-President*, V. L. Kellogg, Palo Alto, Cal.

*etary-Treasurer*, J. N. LeConte, 19 Hillside Court,  
Berkeley, Cal.

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Southern California Section, Room 506, 424 S. Broad-  
way, Los Angeles, Cal.

*rman*, P. S. Bernays, 318 W. 3d St.

*etary*, C. J. Fox, 1443 Bellevue Ave.

ings: Saturdays, Sundays and holidays.

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ubership: Active, 1768; Life, 44; Honorary, 15; Total,  
27.

ance fee and dues: \$5. Annual dues: \$3; Life, \$50.  
nized 1892. Annual meeting First Saturday in May.  
ication: Sierra Club Bulletin (annually), edited by  
F. Bade, \$.50.

rooms and library: 402 Mills Bldg., San Francisco.  
nte Memorial Lodge, Yosemite Valley; Parsons Me-  
rial Lodge, Tuolumne Meadows, Yosemite National  
rk; Muir Lodge, Big Santa Anita Canyon, reached  
electric from Los Angeles to Sierra Madre.

ings: Saturdays, Sundays and holidays. Annual win-  
sports outing in January.

outing, July 11 to Aug. 10. Tuolumne Meadows via  
Yosemite Valley. Mt. Ritter, Rainbow Falls, Devil's

Postpile, and Ten Lake Basin will be visited. Expenses from San Francisco \$93; from Los Angeles \$104.50.

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## TRAMP AND TRAIL CLUB

New York City

*President*, Frank Place, Jr., 17 W. 43 St., New York.

*Secretary-Treasurer*, A. B. Malcomson, Jr., 2435 Morris Ave., New York.

Membership: Active, 40; Honorary, 5; Total, 45.

Annual dues: \$1.50.

Organized 1914. Annual meeting: Middle of May.

Outings: Sundays and holidays.

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## WILD FLOWER PRESERVATION SOCIETY OF AMERICA

New York Botanical Garden, New York City

*President*, H. C. Cowles, University of Chicago.

*Secretary-Treasurer*, Mrs. N. L. Britton, New York Botanical Garden.

*Managers*, N. L. Britton, R. A. Harper, Norman Taylor, M. A. Howe, W. T. Davis.

Chapters: In Baltimore; Chicago; Fayette, Iowa; Milwaukee; Philadelphia; Riverside, Ill., and Washington.

Membership: Junior, Active, Sustaining, Fellows, Transients, and Affiliated societies.

Annual dues Active, \$.50; Sustaining, \$1; Fellow, \$5; Patron, \$50.

Organized 1902. Annual meeting: In April or May.

Official Organ: *Torreyia* (monthly), edited by Norman Taylor. \$1 a year.

The society is educating its members and the public in the appreciation and protection of plants and flowers, their natural beauty, and as food and shelter for birds and animals.